

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



(43) International Publication Date
19 April 2001 (19.04.2001)

PCT

(10) International Publication Number
WO 01/26947 A1

(51) International Patent Classification⁷: B60T 17/00

[GB/GB]; Wabco Automotive (UK) Limited, Engineering Division, Beacon Works, Morley, Leeds LS27 0HQ (GB).

(21) International Application Number: PCT/GB00/03872

(22) International Filing Date: 9 October 2000 (09.10.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
9923723.2 8 October 1999 (08.10.1999) -GB

(74) Agents: CHETTLE, Adrian; John et al.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(81) Designated States (national): BR, JP, KR, US.

(84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

(71) Applicant (for all designated States except US): WABCO AUTOMOTIVE (UK) LIMITED [GB/GB]; Engineering Division, Beacon Works, Morley, Leeds LS27 0HQ (GB).

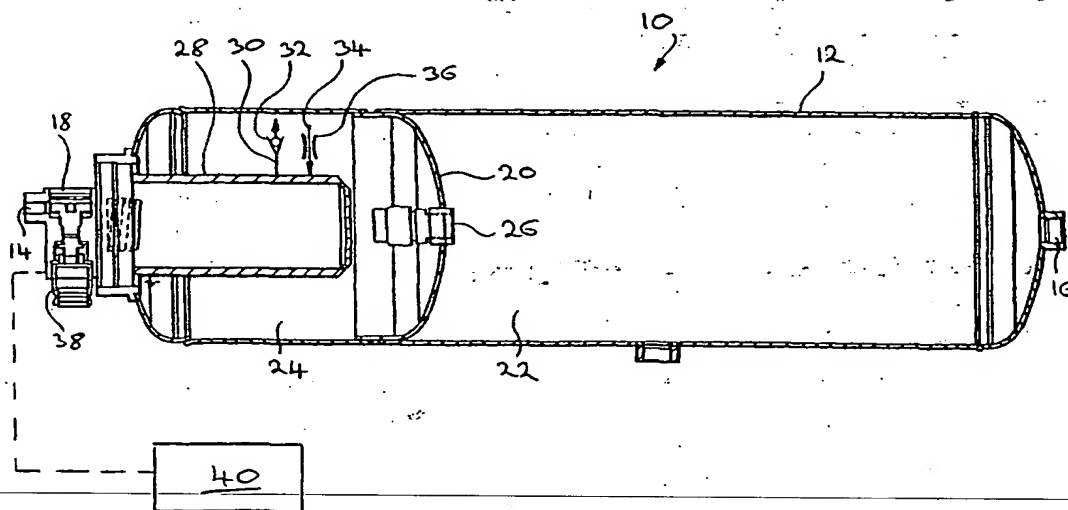
Published: — *With international search report.*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette. —

(72) Inventor; and

(75) Inventor/Applicant (for US only): **TONKIN, Philip**

(54) Title: VEHICLE AIR BRAKING SYSTEMS



(57) Abstract: A vehicle air braking system including an air compressor, an air dryer, an air dryer control valve (18) having a vent (38) to atmosphere, a reservoir (24) adapted to contain a quantity of dry air for use in regenerating desiccant (28) of the air dryer and means to exhaust dry air through the desiccant (28) and control valve (18) to atmosphere, the system further including control means (40) sensitive to the operating condition of the vehicle and operable to cause regeneration of the desiccant (18) and purging of the control valve (18) when the vehicle engine is stopped.

WO 01/26947 A1